

What is Claimed is:

Sub P1
1. An apparatus for displaying additional information comprising:

5 a selector which receives a program selection input from a user and which includes a key for requesting detail information on an object in a selected program;

10 a data processor which receives broadcasting signals, selects and demodulates from the received broadcasting signals the selected program, and separates additional information from the demodulated signal;

a decoder which detects from the additional information, detail information on objects in the selected program being displayed, and decodes the detail information into a plurality of object information;

15 a storage which stores the plurality of object information;

20 a display which displays an object information stored in the storage when a user requests to view detail information on an object being displayed through said key on the selector, where said object information corresponds to the object being displayed; and

a controller which controls the separation of the additional information data, the decoding of the detail information, the storing of the plurality of object information, and the display of the object information.

2. An apparatus of claim 1, further comprising a modem through which the controller connects to an external source to obtain detail information in response to a request from a user to view detail information.

5 All cont 3. An apparatus of claim 2, wherein the controller connects to an Internet to search for the detail information requested by a user when said detail information is not included in the additional information.

10 4. An apparatus of claim 2, wherein the controller connects directly to a host or a server in a program provider to obtain the detail information requested by a user when said detail information is not included in the additional information.

15 5. An apparatus of claim 1, wherein the plurality of object information are stored in an object table according to object names and wherein each object name has a corresponding characteristic table which includes detailed information.

6. An apparatus of claim 5, wherein the characteristic table includes media type, a number of frames, positions, sizes and states of an object.

20 Sub A-12 7. An apparatus of claim 1, wherein the controller informs

a user that there is detail information on objects in addition to the program being displayed.

8. An apparatus of claim 7, wherein the controller informs a user that there is detail information on objects by displaying an item list in a form of a menu on the display at a predetermined position.

9. An apparatus of claim 1, wherein the selector is one of a panel key attached to the display, a remote control, a keyboard or a mouse.

10. A method for displaying additional information comprising:

receiving a program selection input from a user through a selector which includes a key for requesting detail information on an object in a selected program;

receiving broadcasting signals, selecting and demodulating from the received broadcasting signals a program selected by a user through the selector, and separating additional information from the demodulated signal;

detecting from the additional information, detail information on objects in the selected program being displayed, and decoding the detail information into a plurality of object information;

storing the plurality of object information; and

displaying an object information stored in the storage when
a user requests to view detail information on an object being
displayed, where said object information corresponds to the
5 object being displayed.

11. A method of claim 10, further comprising connecting to
an external source to obtain detail information in response to
a request from a user to view detail information.

12. A method of claim 11, wherein connecting to an Internet
to search for the detail information requested by a user when
said detail information is not included in the additional
information.

13. A method of claim 12, wherein said detail information
not included in additional information may be requested by
5 inputting characters through the selector.

14. A method of claim 11, wherein connecting directly to a
host or a server in a program provider to obtain the detail
information requested by a user when said detail information is
not included in the additional information.

15. A method of claim 10, wherein storing the plurality of

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object information in an object table according to object names and wherein each object name has a corresponding characteristic table which includes detailed information.

5 16. A method of claim 15, wherein the characteristic table includes media type, a number of frames, positions, sizes and states of an object.

17. A method of claim 10, further comprising informing a user that there is detail information on objects in addition to the program being displayed.

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Any 18. A method of claim 17, wherein informing a user that there is detail information on objects by displaying an item list in a form of a menu on the display at a predetermined position.

15 19. A method of claim 10, wherein the selector is one of a panel key attached to the display, a remote control, a keyboard or a mouse.

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